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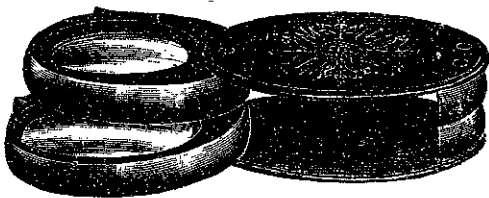
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THE TECH

VOL. XX.

BOSTON, MARCH 7, 1901.

NO. 19.

THE TECH

Published every Thursday, during the college year, by students of the Massachusetts Institute of Technology.

WALTER HAVENS FARMER, 1902, *Editor in Chief*.
ROLAND BALL PENDERGAST, 1902, *Assistant Editor in Chief*.
I. RAYNE ADAMS, 1902, *Secretary*.
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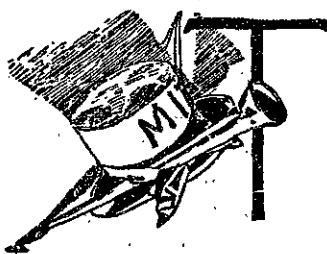
For the benefit of students THE TECH will be pleased to answer all questions and obtain all possible information pertaining to any department of the College.

Contributions are requested from all undergraduates, alumni, and officers of instruction. No anonymous manuscript can be accepted.

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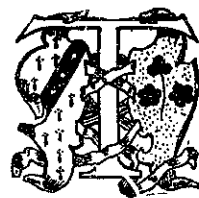
Entered in Post Office, Boston, Mass., as Second-Class Matter.

Press of Lounsbury Nichols & Worth Company.



THE TECH Board wishes to apologize for neglecting to print, in the last issue of THE TECH, a statement regarding Mr. C. A. Sawyer, Jr.'s, withdrawal from the Board. Mr. Sawyer has been given an indefinite leave of absence on account of the pressure of *Technique* work which at present requires all of his available time.

At the last regular meeting of THE TECH Board Mr. H. H. Saylor resigned the office of Editor-in-Chief, which he has so ably filled during the past term. Mr. Saylor's resignation was due to the increased amount of Institute work which he is undertaking this term. Mr. Walter H. Farmer, 1902, was elected as Mr. Saylor's successor. Mr. R. B. Pendergast was elected to fill the vacant office of Assistant Editor-in-Chief, formerly held by Mr. Farmer.



THE President's report for the year is a very encouraging document to Tech men and is filled with interesting points. It will be noticed with pleasure that the total number of students attending the Institute is now 1277, within one of being one hundred more than attended last year and making the high-water mark of Tech's student population. The progress of the Walker Memorial Fund has been considerable, the fund having reached the neighborhood of \$60,000. It has been stipulated by the Corporation that if the sum of \$100,000 be subscribed before July 1st, the Corporation will grant land on Trinity Court for a site for the new gymnasium and that a suitable instructor in physical training will be supplied, and undoubtedly the fund will reach the required amount. Statistics are given as to the relative proportions of students attending from different parts of the country and altogether the report shows that much progress has been made during the last year in all departments.



THE existence of the fact would appear to justify the assertion that many students of athletic propensities at the Institute believe that when their ambitions for class numerals or T's are satisfied their duty toward their college ceases. Numerals and T's are offered to successful competitors in athletic contests as an inducement to competition and as a reward for victory. This object is attained; but its success is not complete while the present state of affairs exists. Some men are born athletes. To them the winning of letters is a result, not the object of their athletic efforts. Some men may persistently train but are never successful. Too many others win their letters, but by the narrowest of margins, and then ambition, and with it time for things athletic, suddenly is no more. The letters are theirs, rightfully and honorably, but popular opinion does not long applaud a man who travels solely on his laurels. True athletes love athletics, not the prize; true college athletics are not for personal gain, but for the glory and honor of the college.

1901 Class Book.

Less than fifty seniors have paid the required two dollars advance subscription for the 1901 class book. This number is far from sufficient to guarantee its publication, the committee having decided not to issue the book unless one hundred and fifty members of the class promised to take copies and deposited the advance payment of two dollars. The class must realize that there is great danger of its being the first class to neglect this custom. Many seniors have signified their intention of buying the book, but the committee cannot count on these until they receive the part payment. These men must deposit the two dollars with members of the Committee immediately to insure the publication of a 1901 Class Book.

Report of President Pritchett.

The annual report of the President, issued this week, contains a very interesting and valuable collection of facts and statistics relating to Institute affairs of the present year.

President Pritchett calls attention, in his opening words, to the loss the corporation has sustained by the death of three of its members, Mr. Augustus Lowell, who had been a member of the corporation since 1873; Mr. Thomas Gaffield, since 1896, and Mr. John E. Hudson, since 1899.

The plans for the Walker Memorial building are briefly reviewed, and the immediate need of a new department in physical culture is strongly emphasized.

In regard to the attendance President Pritchett says:

"I have to report an attendance at the present time in the Institute of 1,277, the largest number which it has ever known. The increase in number has taxed the resources of some departments to the utmost, and any considerable increase above the present will require additional facilities and additional space."

The teachers' fund, for the assistance and retirement of members of the instructing staff, has been doubled by a gift from Mr. Augustus Lowell.

A careful study of the advanced degree requirements has led the Faculty to discontinue the announcement of the degree of Doctor of Science, and to state in its place requirements for the degree of Doctor of Philosophy.

Scholarships to the amount of the full tuition fee have been awarded to 28 students, while 129 others have received smaller amounts, averaging more than \$100 each. In addition to these 40 state scholarships were divided among 66 student applicants.

A noteworthy addition to the instruction in the Course of Electrical Engineering, which goes into effect during the present college year, is a series of lectures by Prof. H. E. Clifford upon the mathematical theory of electrical transmission of waves, a subject which has assumed great practical importance during the past year in the line of telephony and wireless telegraphy.

The total number of additions to the libraries of the Institute during the year was 4,520. The office of librarian was established 11 years ago, and since that time it has grown from 17,545 volumes to 53,851

volumes. The number of serial publications regularly received amounts to 871.

The total number of instructors and lecturers is 181, an increase of nine over last year. The proportion of instructors to students is very high, being one to nine and two-tenths.

The number of students is 99 more than it was a year ago. Forty states are represented, besides the district of Columbia and the Hawaiian islands. There are also students present from 13 foreign countries. Those from Massachusetts number 779, or about 60 per cent of the total number; 133 are from other New England states, and 366 from outside of New England, 33 of these being from foreign countries.

The number of college graduates who are pursuing courses of study either as regular or as special students is 98, seven of these being Institute graduates and five candidates for advanced degrees.

The number of women studying in the Institute is 44, four of these being college graduates. The studies taken by the women are in architecture, chemistry, biology, physics, geology and general studies. One is a special student in the course in naval architecture.

The annual statement of Mr. George Wigglesworth, treasurer of the Institute, follows the president's report, and contains a statement of the bequests, amounting to nearly \$200,000, that have come to the Institute during the past year. The largest amounts received were \$100,000 from the late Robert C. Billins, and \$50,000 from Augustus Lowell as an addition to a similar amount given by him before.

Visit to Steel Works of Everett.

On Saturday afternoon Mr. Spofford, of the Civil Engineering department, took a party of Course II. and IV. men to the branch works of the United States Steel Co., at West Everett. The arrival was well timed to see the tapping of the open hearth furnace and subsequent filling of the moulds. The details of the work were carefully followed. From the cast steel shops the party went to the crucible steel department arriving in time to see the furnaces opened and castings made. The trip was very profitable and enjoyable and it is only regretted that more men did not avail themselves of this opportunity.

Medals for Physical Development.

A member of the Corporation of the Institute has offered to provide one medal each in gold, silver and bronze, for students showing the best physical improvement during the year. He has suggested that the students of the Architectural Department be requested to prepare designs for these medals, and has offered prizes of \$15.00, \$10.00 and \$5.00 for the three most suitable drawings.

The medals are to be approximately the size of a silver half dollar, and must suggest athletic training, preferably by reference to antique sports or contests. The front is to be entirely decorative in character. The back is to have the name of the Institute, the name of the medal, and space for the full name of the student receiving it.

The drawings will consist of front and back, diameter about $3\frac{3}{4}$ inches, rendered to show the intended relief, and must be handed in on or before 5 P. M., March 26th, 1901.

Senior Portfolio.

All statistic blanks, orders for books and photographs must be in the hands of the Senior Portfolio Committee within the next week, in order that the book may be out in time for Class Day. All men whose pictures were *not* taken at Hearn's, please leave them at the Cage for E. F. Laurence at once.

The expense of the book is so great that to insure itself the Committee feels justified in ordering only as many books as are ordered and partly paid for in advance: thus the importance of filling out the order blanks at once.

Class Day Election.

The Class Day elections are to take place on Friday, March 8, 1901, from 8.30 to 4.30 o'clock. They bid fair to be of a very exciting nature as the contest for most of the positions will be very close.

The Tech Show.

News reaches us as we go to press that it is now authoritatively announced that the "Tech Show" is again to be a feature of the school year. Details must be withheld till next week, but it is pleasant to be able to announce, on the authority of the committee in charge, that the "Show" will this year take the form of a Gilbert & Sullivan opera which has never been hitherto produced in this country. "The Grand Duke" is a brilliantly amusing and picturesque bit of nonsense, admirably adapted to the needs of a college show, and to have the distinction of giving it its first presentation on the American stage, is no small feather in the theatrical cap of "Tech." As in the last two years, the conditions of taking part in the Show will be democratic above all else, every man who cares to "qualify" for the chorus or the ballet, being given ample opportunity to do so, in the competitive trials to be instituted by the "coaches" of the show, in the near future. As we suggested last week, any man capable of qualifying, and failing to do so, will lose one of the most agreeable and memorable social opportunities of his college life. The members of the committee whose names have up to date been made public, are Allan Winter Rowe, '01, James Bradford Laws, '01, and Jason Mixer, '02.

Civil Engineering Society.

At the meeting of the Civil Engineering Society on the afternoon of March 1st, Messrs. Bigelow, Dulude, McDonald and Whitman spoke on the subject, "Some Notable Foundations." The chair appointed the following committee of arrangements for the annual dinner of the Society: du Pont, Pronlx and Peters of '01, Gannett '02 and Nettleton, '03.

If I were punish-ed for every pun-I-shed, I'd hide my punished head behind some puny-shed. — *Chicago Univ. Weekly.*

Musical Clubs.

The Glee, Banjo and Mandolin Clubs gave a concert last Saturday evening at the Academy of Music, Northampton. The party, including several besides the clubs, went up Saturday afternoon and returned Sunday afternoon. The program was as follows:—

PROGRAM.

PART ONE.

- | | | |
|-----------------------------------|--------------------|------------------------|
| 1. Glee Club | Ho! Jolly Jenkins | <i>Sullivan</i> |
| 2. Banjo Club | March, The Viceroy | <i>Herbert</i> |
| 3. Mr. Hooker | Solo | <i>Selected</i> |
| 4. Mandolin Club | Mirror Dance | <i>Sniffin</i> |
| 5. Mr. Seaver and Glee Club— | Predicaments: | |
| 6. Messrs. Brownell, Cady, Morton | Trio | <i>Selected</i> |
| 7. Banjo Club | Operatic Potpourri | <i>Arr. by Lansing</i> |

PART TWO.

- | | | |
|-------------------------------------------|--------------------------|---------------------|
| 8. Mandolin Club | Magic Strings | <i>Pomerooy</i> |
| 9. Glee Club | The Dixie Kid | <i>Geibel</i> |
| 10. Messrs. Boyd, Foster, Cummins, Benson | Quartet | <i>Selected</i> |
| 11. Mandolin Club | San Toy Two-Step | <i>Arr. by Leon</i> |
| 12. Banjo Club | American Student's March | <i>Lansing</i> |
| 13. Glee Club | From a By-Gone Day | <i>Folksong</i> |

The solo by Hooker, "Predicaments," the Trio, the Quartet, and San Toy Two-Step were the most attractive features. The audience was very appreciative, and, on the whole, the fellows had one of their most enjoyable trips.

The Southern Club.

Last week Monday the Southern Club was reorganized. The object of its members is the establishment of an organization whereby Technology news and information may be spread more broadly throughout the Southern States, thus increasing the registration of Southerners at the Institute. It is hoped that men who contemplate attending college may be readily reached by the men from their own section and supplied with information regarding Technology. It is also thought that if the prospective students become acquainted with a body of fellows from their own section of the country, their first impressions of Institute life will be more pleasant and their

acquaintance more rapidly increased than it otherwise would. The following officers were elected:

President, P. G. L. Hilken; Vice-President, R. C. Jordan; Secretary, L. G. Wilson; Treasurer, M. Cooper; Executive Committee, J. G. Metcalf, E. O. Eastwood, F. T. Taylor.

President Pritchett's Western Trip.

President Pritchett left on Tuesday night for a ten days' absence in the west, to meet gatherings of "Tech" Alumni. His first stopping point will be Cleveland, where a considerable number of Tech men are engaged in railroad work and other applications of engineering. One of the most prominent graduates of the Institute of Technology now residing at Cleveland is Mr. E. A. Handy, Chief Engineer L. S. & M. S. R. R. President Pritchett will address the Alumni there on the evening of the seventh. He has also accepted an invitation to address the East High School, which is considered to be one of the finest high schools in the whole country, both in equipment and appointments for educational work, having an enrollment of 820 pupils, and a regular instructing staff of twenty-five teachers.

From Cleveland he goes to St. Louis, where he will deliver an address before the Round Table, an association of business and professional men of that city, concerning the administrative work of the United States.

His next point of stop will be Kansas City, where he is to address a gathering of "Tech" graduates, and is to be entertained by a number of leading citizens with a reception and dinner. On this occasion he will speak concerning the subject of what is to be accomplished in technical education. Before leaving Kansas City he will also address the Manual Training School and the High School.

From Kansas City he will go to Chicago, where he is to meet the Northwestern Asso-

ciation of Alumni on the evening of the sixteenth, at a dinner to be given at the University Club. He will address the Alumni on "The Position of the Institute of Technology in Education and its Future Development." A pleasant feature of this occasion will be the presence of Secretary Gage, who is to meet President Pritchett at Chicago, and who will make a short address concerning the work of trained men in government service.

Brave Act of a Technology Student.

The work-a-day life which falls to the lot of most students of Technology gives comparatively few opportunities for the display of any other heroism than that quiet sort which shows itself in the steady performance of duty.

Mr. Harold Blanchard, a member of the Class of '02, met with a painful accident some time ago under circumstances which exhibited real bravery and devotion. He attempted to save a child from being run over in the street, and in the effort the wheel of the carriage passed over the instep, breaking the bridge of the foot, and causing great pain. As this occurred at the time of the regular examinations Mr. Blanchard has been obliged to give up his work for this term in consequence.

Letters Uncalled For.

Men holding offices, which are likely to receive mail, should leave their names with the offices they hold at the "Cage." There are several letters at the "Cage" for the Manager of the Freshman Baseball Team, and many for various officers and organizations have arrived without being claimed.

Calendar.

Friday, March 8th. — Tech Y. M. C. A. meeting, Room 11, Rogers, 4.10 P. M. Class Day Elections.

Saturday, March 9th. — Hare and Hounds Run from West Roxbury. Leave Back Bay Station at 2.18 P. M. Regular Y. M. C. A. student meeting at Student House, 566 Massachusetts Ave., 4 P. M.



The Junior Class Dinner will be held tonight (Thursday) at the Hotel Lenox at 7 P. M.

The department of Modern Languages has purchased a complete set of Moliere's Works.

The second Architectural Society Bohemian Dinner was held Wednesday, February 27th, at Miesussetts.

The Sophomore Dinner Committee have proposed March 16th for the date and the Thorndike for the place.

An Assistant Business Manager is wanted by the Business Management of THE TECH. For particulars consult the Business Manager.

The committee on ways and means, reported favorably last week on the bill appropriating \$25,000 to the Massachusetts Institute of Technology.

Corporal B. A. Yodes, Co. "D," is promoted to Sergeant, Co. "D," and Private C. H. Powell is appointed Corporal in Co. "B," Freshman Battalion.

Mr. S. C. Prescott of the Biological Department read a paper before the Boston Society of Natural History, on the application of Bacteriology to Industrial Arts.

Professor H. E. Clifford is giving an advanced course this term, for graduate students, on the Electro-Magnetic Theory.

R. W. Bailey was operated upon last week for appendicitis at the Massachusetts General Hospital. He is getting along well, and will soon be able to resume his studies.

Philip R. Alger, U. S. N., of the Naval

Academy at Annapolis is this week delivering a course of four lectures on "Ordinance and Armament" to the Seniors and Juniors of Course XIII.

The Electrical Engineering Society will take a trip to the Atlantic Avenue Station of the Edison Illuminating Company on Saturday afternoon, March 16th. The Society will meet on Walker steps at 2 P. M.

The change in the lunch room, admitting only those connected with the Institute between 12.30 and 1.30 P. M., seems to work very satisfactorily. The large crowd coming in at 1 o'clock is served much quicker, and by this time, a large percentage of the outsiders have accommodated themselves to the change.

Last Thursday afternoon *L'Avenir* was reorganized, several former members being present to elect six new men. A dozen more have signified their intention of joining the society, but were unable to attend owing to other meetings. A committee was appointed to draw up a new constitution and the recitation of a monologue by R. Lage was postponed until next meeting, which will take place today at 4.10 in Room 26, Walker. Professor Bernard will be present and officers will be elected. All men interested in French are urged to attend.

The annual meeting and dinner of the class of '94 was held at Young's Hotel last week. S. G. Reed was elected president for the ensuing year. William Herbert King presided as toastmaster and the toasts responded to were: "The Class of '94," Samuel Gordon Reed; "Railroading," Azel Ames, Jr.; "Law vs. The Institute," Albert Francis Hunt, Jr.; "The Man with the Hoe," Robert Loring; "An Electrical Inspection," Clifton A. Howes; "Statistics," Lucius Page Lare; "Athletics in Business," Thomas Pelham Curtis; "Abroad and at Home," Samuel Cate Prescott.

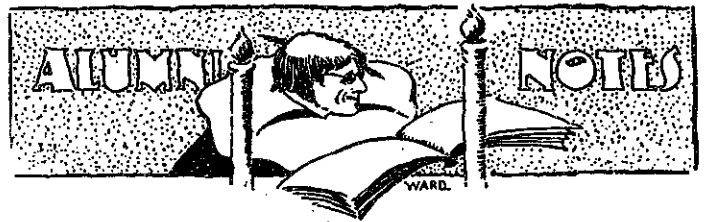


The Hare and Hounds Club will hold its first run of the season this Saturday from West Roxbury. The run will be shorter than usual as several new men are coming out.

A greater interest should be taken in athletics. The showing at the B. A. A. meet was poor, because few men entered or trained for it. The time for our contests with other colleges and our Spring meet is now rapidly approaching, and every man should be at the gym every day from now on, to train for these athletic tests. Manager Parrock has engaged a trainer who for the next four weeks will show especial attention to green men who have never competed and who need extra training. Captain Frost is extremely anxious for many of these green men to try for the team, and as there is a great scarcity of representatives for the long distance runs, he has issued special call for men to enter the one and two mile events.

Basket Ball.

Technology defeated Tufts College Basket Ball team at Tufts, February 28th, by a score of 13-11. The game was close and exciting throughout, and at the call of time the score stood 11-11. It was decided to continue the game until one side scored two points. After two minutes of play Dillon scored a goal, giving the game to Tech by a score of 13-11. It was claimed by some that at the call of time the score was 11-9 in favor of Tufts, but the officials had declared in favor of Technology and their decision decided the matter.



'76. John B. Henck, Jr., VIII., has completed his work in charge of electric railroad construction in the vicinity of Flushing, N. Y.

'82. Albert C. Brackett, II., is now connected with Edward T. Harrington & Co., real estate dealers at Boston.

'84. T. W. Robinson, III., is in Chicago, occupying a good position with the Illinois Steel Company.

'88. Guy W. Currier, IX., of Lawrence, has been re-elected to the Massachusetts Senate for the fifth district.

'89. Francis R. Hart, I., is president of the Cartagena Magdalena Railway of Columbia.

'91. Howard C. Forbes, X., VI., is now at Springfield, Ohio, doing some engineering work for the Dayton, Springfield, and Urbana Street Railway.

'92. Walter B. Trowbridge, II., was nominated alderman at large for the city of Newton, Mass.

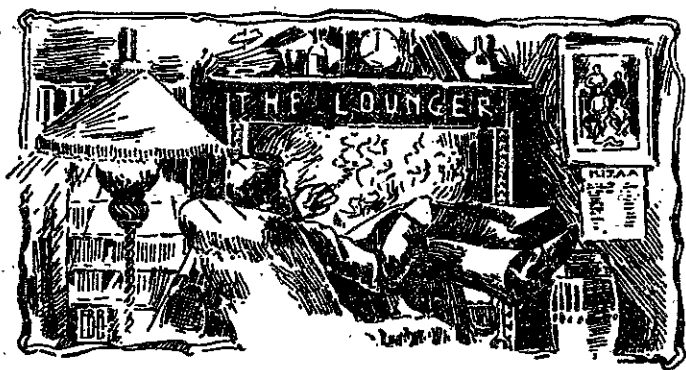
'95. E. E. Denison, X., is in Portland, where he holds a position with the International Paper Company.

'96. Lucius Tyler, VI., now holds a position with the Holbar Lock Inspection and Guarantee Company in Philadelphia.

'97. W. K. Fairbanks, II., is assistant superintendent at the Bigelow Carpet Company, Lowell, Mass.

'98. G. T. Cottle, V., is with the New York Insulated Wire Company at Wallingford, Conn., as their chemist.

'00. James H. Batcheller, III., is mine-working in Lead City, South Dakota.



THE LOUNGER's breast has heaved with fatherly pride at the rosy future for old Tech under its new chief magistrate. But his breast ceased heaving the other morning, when a friend slapped him on the shoulder as he was blowing through Copley Square and said, "Say, old man, who's the chap with the fur hat and the snowshoes? He looks as if he might belong to the Appalachian Club." Now THE LOUNGER swears, by Allen's Railroad Curves and Earthworks, that he is not a spiritualist, no, nor a Co-ed; but he solemnly affirms that at that awful moment his pipe turned in his pocket. Why? For the dignity and honor of Tech THE LOUNGER wishes it were not his duty to say it; but "Murder will out," and that "chap" was the Secretary of the Massachusetts Institute of Technology. That same dark day THE LOUNGER was obliged to go into the office of the Secretary. There, in that avoided sanctum, 'midst Secretary, chart of contributions to Walker Memorial and warrants for officers of '03 battalion were those snowshoes. — The rosy future of Tech has passed from THE LOUNGER's vision. Instead, he sees tawny savages dancing on the Tech Campus, snowshoe races around the Walker Building and daring skee-runners shooting the stairs of Engineering A. THE LOUNGER's heart grows heavy.

The suffering public has already waited many moons for the appearance of the catalog and many and various are the guesses that have been made thereon. It has been surmised that the lateness is due to the catalog's having been put in the management of the Bursar; that it is waiting until Junior week for publication in order to be more nearly in competition with *Technique*; that owing to pressure of other things especially the "Show" publication is to be withheld. But THE LOUNGER is glad to inform the public that a new scheme has been evolved by the authorities, whereby the catalog will cease to be a competitor with *Technique* but rather with THE TECH and that publication is to be deferred until Class Day when it will be issued as a souvenir of the day neatly tied up in pink and blue ribbons and accompanied by a group picture of the Faculty.

Beyond the fact that the list of specials is to be printed in red, THE LOUNGER can give little more information of what has been, during the past three months, a most surprising example of what the authorities can do in the line of promptness.

THE LOUNGER has always accepted it as fundamental, without exactly knowing why, that he is supposed to be a manipulator of the humorous instead of a dealer in reforms. But he had always supposed that this mistake was common to the public alone and did not extend within THE TECH Board. Lately however, as he was pushing himself down the stairs of Rogers, what should meet his gaze but a poster announcing the contents of THE TECH and on which was inscribed "A Laughable Lounger." To free himself from all complications, THE LOUNGER begs to assure his readers that he is not implicated in the production of that poster — that much it is necessary to say in behalf of his modesty. For the management of the paper which could have made such a mistake, he wishes to plead extenuating circumstances.

'Tis a sad thing to say, but THE LOUNGER must suggest, at least, that the Co-Eds be prohibited from taking English Literature. If any of THE LOUNGER's readers should desire to know the reason of this momentous step, THE LOUNGER can only say that he was persuaded by a friendly Sophomore, by means of more or less disreputable stories, to attend a single lecture. As it may be imagined, this was no easy job, for THE LOUNGER had served his time already. Nevertheless he attended and now can only comment on the growing degeneracy of the age. THE LOUNGER learned of one Sammy Richardson, Esq., of uncertain age, who was a thoroughly virtuous, upright and moral man — his writings likewise: then, sad to relate, THE LOUNGER was pained to hear that these writings were not at all to the taste of the lecturer. The concession was too obvious. It was absolutely corrupting. The next act was a parody on morality. The lecturer proceeded to point out the caddishness of dwelling on such subjects and then spent half an hour expounding unto his innocent disciples all the immoral, indecent, low, vulgar, obscene, and otherwise objectionable propensities of ancient novelists. THE LOUNGER had seen "The Gay Lord Quex;" 'twas like perfume to the séance. He hesitates to go further, but might well ask whether it is considered fair to subject five lonely Co-Eds to all the embarrassment of such a lecture. THE LOUNGER indeed felt all his chivalry arise and even contemplated lodging a complaint with the Watch and Ward Society, but he thought of the courts, condemned to listen to extracts from the lectures, and pity overcame him. He fears it would be fatal to Tech's reputation.

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Colonial Theatre.—"Ben Hur" will be given its century performance in Boston on March 14, and it is expected that Gen. Lew Wallace, the author of the famous book, will be present. The success of the play is phenomenal and people are travelling from all over New England to witness it. Matinees on Wednesday and Saturday.

Tremont Theatre.—Jefferson De Angelis in "A Royal Rogue" is as clever a comedian as ever. It

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is certainly one of his best pieces and furnishes amusement for large audiences. The music and lyrics are both very good, and Mr. De Angelis is supported by an excellent company.

Boston Museum.—May Irwin, as "Madge Smith, Attorney," causes an immense amount of merriment at this theatre. Her songs are wildly applauded again and again. She has recently added three new ones to her list. This is the last week but one.

Columbia Theatre.—"The Burgomaster" still increases in popularity. It has proven one of the year's successes at the Columbia,—due to the clever songs and music and the large and attractive chorus. The plot is interesting and affords numerous humorous situations.

Castle Square Theatre.—"Frou-Frou" will be given for the rest of this week and next week "Under Two Flags" is the attraction. It is a story of the household and the desert and the plot is very interesting, with elaborate scenes and pleasing incidental music.

Boston Theatre.—This week "The Still Alarm." Next week "The Runaway Girl."

Park Theatre.—Henry Miller and an excellent cast in "Richard Savage."

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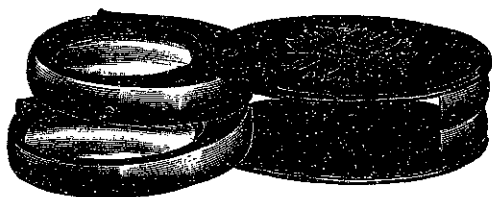
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